

MT. CARMEL PUBLIC UTILITY CO.

**ELECTRIC TRANSMISSION AND DISTRIBUTION
REVIEW**

AMENDMENT TO ORIGINAL REPORT

83 Ill. Adm. Code Part 411.120

Subpart (b)(3)(A)(i)

Subpart (b)(3)(G)

Subpart (b)(3)(G)(i)

Subpart (b)(3)(J)

ANNUAL REPORTING PERIOD

2002

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411.120 (b)(3)(A) A plan for future investment and, where necessary, reliability improvements for the jurisdictional entity's transmission and distribution facilities that will ensure continued reliable delivery of energy to

customers and provide the delivery reliability needed for fair and open competition, along with the estimated cost of implementing the plan and any changes to the plan from the previous annual report.

i) The plan must cover all operating areas, including a description of the relevant characteristics of each operating area and the age and condition of the jurisdictional entity's equipment and facilities in each operating area.

The Mt. Carmel Public Utility Company maintains only one operating area. This territory covers approximately 107 square miles, one incorporated municipality and approximately 5,900 electric customers. Within the operating area there are two transmission substations, three distribution substations, with a total of twelve feeders, and four industrial/wholesale substations. The distribution system consists of 260.02 miles of overhead facilities and 3.94 miles of underground facilities totaling 263.96 circuit miles, with 30% of this total being urban distribution facilities.

The information regarding the age and condition of Mt. Carmel Public Utility Co. facilities is addressed in the response to section 411.120 (b)(3)(G)(i).

411.120 (b)(3)(G) A report of the Age, current condition, reliability and performance of the jurisdictional entity's existing transmission and distribution facilities, which shall include, without limitation, the data listed below. In analyzing and reporting the age of the jurisdictional entity's plant and equipment the jurisdictional entity may utilize book depreciation. Statistical estimation and analysis may be used where actual ages and conditions of facilities are not readily available. The use of such techniques shall be disclosed in the report.

i) A qualitative characterization of the condition of the jurisdictional entity's system defining the criteria used in making the qualitative assessment, and explaining why they are appropriate.

Mt. Carmel Public Utility Co's transmission facilities have an approximate average age of 18.7 years with an average remaining life of approximately 11.3 years. The distribution facilities have an approximate average age of 19.98 years with an average remaining life of 10.02 years. These figures are based on analysis completed 12/31/2002.

The reliability enhancement programs outlined in section 411.120 (b)(3)(A) - ii, iii, vii, viii, as provided in the previously submitted reliability report (May 2002) will ensure that the facilities operated by Mt. Carmel Public Utility Co. are inspected and maintained on a regular basis. Based on these actions, Mt. Carmel Public Utility Co.'s reliability indices, and the results of the customer satisfaction survey (Attachment "A" to previously filed report) it can be concluded that the existing Transmission and Distribution facilities are in good operating condition and provide customers with safe and reliable service.

411.120 (b)(3)(J) A statement of the operating and maintenance history of circuits designated as worst-performing circuits; a description of any action taken or planned to improve the performance of any such circuit (which shall include information concerning the cost of such action); and a schedule for the completion of any such action. (The jurisdictional entity may decide, based on cost considerations or other factors, that it should take

no action to improve the performance of one or more circuits designated as worst-performing circuits. If the jurisdictional entity decides to take no action to improve the performance of one or more circuits designated as worst-performing circuits, the jurisdictional entity shall explain its decision in its annual report.)

As indicated in the table used in response to 411.120 (b)(3)(I) above, circuit #22000 (Allendale Feeder) carried the highest values for all of the specified indices.

Operating and Maintenance History:

2002

July - Replaced existing line recloser located at the beginning of Line Section #22100 due to damage from lightning strikes. The cost of this replacement was \$6000.00

September - \$30,000.000 was spent to replace voltage regulators located on Line Section #21000 at the intersection of E 1200 Rd. and N 1920 Blvd. As well as installing 100 Kvar capacitors at 18361 E 1200 Rd.

December - Installed underground loop in Cherry Hills Subdivision. The cost of this construction was \$7,000.00

2003

April - Performed line switching procedure which shifted approximately one half of the area serviced by Circuit #22000 to Circuit #21000. The cost of this switching procedure was \$100.00

May - Began extensive tree trimming program.

Planned Actions to Improve Reliability:

2003

Continue extensive tree trimming program. The estimated cost of this program is \$300,000

For further information concerning this ammendment, contact:

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